

Gallium Nitride Field-effect Transistors(GaN FETs) Market, Global Outlook and Forecast 2022-2028

<https://marketpublishers.com/r/G5464683FC95EN.html>

Date: April 2022

Pages: 122

Price: US\$ 3,250.00 (Single User License)

ID: G5464683FC95EN

Abstracts

The field-effect transistor (FET) is a type of transistor that uses an electric field to control the flow of current. FETs are devices with three terminals: source, gate, and drain. FETs control the flow of current by the application of a voltage to the gate, which in turn alters the conductivity between the drain and source.

This report contains market size and forecasts of Gallium Nitride Field-effect Transistors(GaN FETs) in global, including the following market information:

Global Gallium Nitride Field-effect Transistors(GaN FETs) Market Revenue, 2017-2022, 2023-2028, (\$ millions)

Global Gallium Nitride Field-effect Transistors(GaN FETs) Market Sales, 2017-2022, 2023-2028, (K Units)

Global top five Gallium Nitride Field-effect Transistors(GaN FETs) companies in 2021 (%)

The global Gallium Nitride Field-effect Transistors(GaN FETs) market was valued at million in 2021 and is projected to reach US\$ million by 2028, at a CAGR of % during the forecast period 2022-2028.

The U.S. Market is Estimated at \$ Million in 2021, While China is Forecast to Reach \$ Million by 2028.

Metal-Oxide-Semiconductor Field-Effect Transistor Segment to Reach \$ Million by 2028, with a % CAGR in next six years.

The global key manufacturers of Gallium Nitride Field-effect Transistors(GaN FETs) include Nexperia, Renesas Electronics, Infineon Technologies, Transphorm, Panasonic Electronic, GaN Systems, Efficient Power Conversion Corporation., San'an Optoelectronics and Solid State Devices, etc. In 2021, the global top five players have a share approximately % in terms of revenue.

MARKET MONITOR GLOBAL, INC (MMG) has surveyed the Gallium Nitride Field-effect Transistors(GaN FETs) manufacturers, suppliers, distributors and industry experts on this industry, involving the sales, revenue, demand, price change, product type, recent development and plan, industry trends, drivers, challenges, obstacles, and potential risks.

Total Market by Segment:

Global Gallium Nitride Field-effect Transistors(GaN FETs) Market, by Type, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Gallium Nitride Field-effect Transistors(GaN FETs) Market Segment Percentages, by Type, 2021 (%)

Metal-Oxide-Semiconductor Field-Effect Transistor

Heterojunction Field Effect Transistor

Modulation Doped Field Effect Transistor

Global Gallium Nitride Field-effect Transistors(GaN FETs) Market, by Application, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Gallium Nitride Field-effect Transistors(GaN FETs) Market Segment Percentages, by Application, 2021 (%)

Consumer Electronics

Automobile Circuit

Communication Device

Industrial Appliances

Charging Equipment

Global Gallium Nitride Field-effect Transistors(GaN FETs) Market, By Region and Country, 2017-2022, 2023-2028 (\$ Millions) & (K Units)

Global Gallium Nitride Field-effect Transistors(GaN FETs) Market Segment Percentages, By Region and Country, 2021 (%)

North America

US

Canada

Mexico

Europe

Germany

France

U.K.

Italy

Russia

Nordic Countries

Benelux

Rest of Europe

Asia

China

Japan

South Korea

Southeast Asia

India

Rest of Asia

South America

Brazil

Argentina

Rest of South America

Middle East & Africa

Turkey

Israel

Saudi Arabia

UAE

Rest of Middle East & Africa

Competitor Analysis

The report also provides analysis of leading market participants including:

Key companies Gallium Nitride Field-effect Transistors(GaN FETs) revenues in global

market, 2017-2022 (Estimated), (\$ millions)

Key companies Gallium Nitride Field-effect Transistors(GaN FETs) revenues share in global market, 2021 (%)

Key companies Gallium Nitride Field-effect Transistors(GaN FETs) sales in global market, 2017-2022 (Estimated), (K Units)

Key companies Gallium Nitride Field-effect Transistors(GaN FETs) sales share in global market, 2021 (%)

Further, the report presents profiles of competitors in the market, key players include:

Nexperia

Renesas Electronics

Infineon Technologies

Transphorm

Panasonic Electronic

GaN Systems

Efficient Power Conversion Corporation.

San'an Optoelectronics

Solid State Devices

Texas Instruments

Qorvo

pSemi Corporation

Toshiba Infrastructure Systems & Solutions Corporation

Alpha and Omega Semiconductor

NTT Advanced Technology Corporation

Tektronix

ON Semiconductor

Advance Compound Semiconductors

ST Microelectronics

Wolfspeed

Contents

1 INTRODUCTION TO RESEARCH & ANALYSIS REPORTS

- 1.1 Gallium Nitride Field-effect Transistors(GaN FETs) Market Definition
- 1.2 Market Segments
 - 1.2.1 Market by Type
 - 1.2.2 Market by Application
- 1.3 Global Gallium Nitride Field-effect Transistors(GaN FETs) Market Overview
- 1.4 Features & Benefits of This Report
- 1.5 Methodology & Sources of Information
 - 1.5.1 Research Methodology
 - 1.5.2 Research Process
 - 1.5.3 Base Year
 - 1.5.4 Report Assumptions & Caveats

2 GLOBAL GALLIUM NITRIDE FIELD-EFFECT TRANSISTORS(GAN FETS) OVERALL MARKET SIZE

- 2.1 Global Gallium Nitride Field-effect Transistors(GaN FETs) Market Size: 2021 VS 2028
- 2.2 Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, Prospects & Forecasts: 2017-2028
- 2.3 Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales: 2017-2028

3 COMPANY LANDSCAPE

- 3.1 Top Gallium Nitride Field-effect Transistors(GaN FETs) Players in Global Market
- 3.2 Top Global Gallium Nitride Field-effect Transistors(GaN FETs) Companies Ranked by Revenue
- 3.3 Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue by Companies
- 3.4 Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales by Companies
- 3.5 Global Gallium Nitride Field-effect Transistors(GaN FETs) Price by Manufacturer (2017-2022)
- 3.6 Top 3 and Top 5 Gallium Nitride Field-effect Transistors(GaN FETs) Companies in Global Market, by Revenue in 2021
- 3.7 Global Manufacturers Gallium Nitride Field-effect Transistors(GaN FETs) Product Type
- 3.8 Tier 1, Tier 2 and Tier 3 Gallium Nitride Field-effect Transistors(GaN FETs) Players

in Global Market

3.8.1 List of Global Tier 1 Gallium Nitride Field-effect Transistors(GaN FETs) Companies

3.8.2 List of Global Tier 2 and Tier 3 Gallium Nitride Field-effect Transistors(GaN FETs) Companies

4 SIGHTS BY PRODUCT

4.1 Overview

4.1.1 By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Market Size Markets, 2021 & 2028

4.1.2 Metal-Oxide-Semiconductor Field-Effect Transistor

4.1.3 Heterojunction Field Effect Transistor

4.1.4 Modulation Doped Field Effect Transistor

4.2 By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue & Forecasts

4.2.1 By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, 2017-2022

4.2.2 By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, 2023-2028

4.2.3 By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue Market Share, 2017-2028

4.3 By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales & Forecasts

4.3.1 By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales, 2017-2022

4.3.2 By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales, 2023-2028

4.3.3 By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales Market Share, 2017-2028

4.4 By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Price (Manufacturers Selling Prices), 2017-2028

5 SIGHTS BY APPLICATION

5.1 Overview

5.1.1 By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2021 & 2028

5.1.2 Consumer Electronics

5.1.3 Automobile Circuit

5.1.4 Communication Device

5.1.5 Industrial Appliances

5.1.6 Charging Equipment

5.2 By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue & Forecasts

5.2.1 By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, 2017-2022

5.2.2 By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, 2023-2028

5.2.3 By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue Market Share, 2017-2028

5.3 By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales & Forecasts

5.3.1 By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales, 2017-2022

5.3.2 By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales, 2023-2028

5.3.3 By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales Market Share, 2017-2028

5.4 By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Price (Manufacturers Selling Prices), 2017-2028

6 SIGHTS BY REGION

6.1 By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2021 & 2028

6.2 By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue & Forecasts

6.2.1 By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, 2017-2022

6.2.2 By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, 2023-2028

6.2.3 By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue Market Share, 2017-2028

6.3 By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales & Forecasts

6.3.1 By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales, 2017-2022

6.3.2 By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales, 2023-2028

6.3.3 By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales Market Share, 2017-2028

6.4 North America

6.4.1 By Country - North America Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, 2017-2028

6.4.2 By Country - North America Gallium Nitride Field-effect Transistors(GaN FETs) Sales, 2017-2028

6.4.3 US Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.4.4 Canada Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.4.5 Mexico Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.5 Europe

6.5.1 By Country - Europe Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, 2017-2028

6.5.2 By Country - Europe Gallium Nitride Field-effect Transistors(GaN FETs) Sales, 2017-2028

6.5.3 Germany Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.5.4 France Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.5.5 U.K. Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.5.6 Italy Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.5.7 Russia Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.5.8 Nordic Countries Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.5.9 Benelux Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.6 Asia

6.6.1 By Region - Asia Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, 2017-2028

6.6.2 By Region - Asia Gallium Nitride Field-effect Transistors(GaN FETs) Sales, 2017-2028

6.6.3 China Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.6.4 Japan Gallium Nitride Field-effect Transistors(GaN FETs) Market Size,

2017-2028

6.6.5 South Korea Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.6.6 Southeast Asia Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.6.7 India Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.7 South America

6.7.1 By Country - South America Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, 2017-2028

6.7.2 By Country - South America Gallium Nitride Field-effect Transistors(GaN FETs) Sales, 2017-2028

6.7.3 Brazil Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.7.4 Argentina Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.8 Middle East & Africa

6.8.1 By Country - Middle East & Africa Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, 2017-2028

6.8.2 By Country - Middle East & Africa Gallium Nitride Field-effect Transistors(GaN FETs) Sales, 2017-2028

6.8.3 Turkey Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.8.4 Israel Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.8.5 Saudi Arabia Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

6.8.6 UAE Gallium Nitride Field-effect Transistors(GaN FETs) Market Size, 2017-2028

7 MANUFACTURERS & BRANDS PROFILES

7.1 Nexperia

7.1.1 Nexperia Corporate Summary

7.1.2 Nexperia Business Overview

7.1.3 Nexperia Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings

7.1.4 Nexperia Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)

7.1.5 Nexperia Key News

7.2 Renesas Electronics

- 7.2.1 Renesas Electronics Corporate Summary
- 7.2.2 Renesas Electronics Business Overview
- 7.2.3 Renesas Electronics Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings
- 7.2.4 Renesas Electronics Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)
- 7.2.5 Renesas Electronics Key News
- 7.3 Infineon Technologies
 - 7.3.1 Infineon Technologies Corporate Summary
 - 7.3.2 Infineon Technologies Business Overview
 - 7.3.3 Infineon Technologies Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings
 - 7.3.4 Infineon Technologies Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)
 - 7.3.5 Infineon Technologies Key News
- 7.4 Transphorm
 - 7.4.1 Transphorm Corporate Summary
 - 7.4.2 Transphorm Business Overview
 - 7.4.3 Transphorm Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings
 - 7.4.4 Transphorm Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)
 - 7.4.5 Transphorm Key News
- 7.5 Panasonic Electronic
 - 7.5.1 Panasonic Electronic Corporate Summary
 - 7.5.2 Panasonic Electronic Business Overview
 - 7.5.3 Panasonic Electronic Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings
 - 7.5.4 Panasonic Electronic Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)
 - 7.5.5 Panasonic Electronic Key News
- 7.6 GaN Systems
 - 7.6.1 GaN Systems Corporate Summary
 - 7.6.2 GaN Systems Business Overview
 - 7.6.3 GaN Systems Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings
 - 7.6.4 GaN Systems Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)
 - 7.6.5 GaN Systems Key News

7.7 Efficient Power Conversion Corporation.

7.7.1 Efficient Power Conversion Corporation. Corporate Summary

7.7.2 Efficient Power Conversion Corporation. Business Overview

7.7.3 Efficient Power Conversion Corporation. Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings

7.7.4 Efficient Power Conversion Corporation. Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)

7.7.5 Efficient Power Conversion Corporation. Key News

7.8 San'an Optoelectronics

7.8.1 San'an Optoelectronics Corporate Summary

7.8.2 San'an Optoelectronics Business Overview

7.8.3 San'an Optoelectronics Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings

7.8.4 San'an Optoelectronics Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)

7.8.5 San'an Optoelectronics Key News

7.9 Solid State Devices

7.9.1 Solid State Devices Corporate Summary

7.9.2 Solid State Devices Business Overview

7.9.3 Solid State Devices Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings

7.9.4 Solid State Devices Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)

7.9.5 Solid State Devices Key News

7.10 Texas Instruments

7.10.1 Texas Instruments Corporate Summary

7.10.2 Texas Instruments Business Overview

7.10.3 Texas Instruments Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings

7.10.4 Texas Instruments Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)

7.10.5 Texas Instruments Key News

7.11 Qorvo

7.11.1 Qorvo Corporate Summary

7.11.2 Qorvo Gallium Nitride Field-effect Transistors(GaN FETs) Business Overview

7.11.3 Qorvo Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings

7.11.4 Qorvo Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)

- 7.11.5 Qorvo Key News
- 7.12 pSemi Corporation
 - 7.12.1 pSemi Corporation Corporate Summary
 - 7.12.2 pSemi Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Business Overview
 - 7.12.3 pSemi Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings
 - 7.12.4 pSemi Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)
 - 7.12.5 pSemi Corporation Key News
- 7.13 Toshiba Infrastructure Systems & Solutions Corporation
 - 7.13.1 Toshiba Infrastructure Systems & Solutions Corporation Corporate Summary
 - 7.13.2 Toshiba Infrastructure Systems & Solutions Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Business Overview
 - 7.13.3 Toshiba Infrastructure Systems & Solutions Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings
 - 7.13.4 Toshiba Infrastructure Systems & Solutions Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)
 - 7.13.5 Toshiba Infrastructure Systems & Solutions Corporation Key News
- 7.14 Alpha and Omega Semiconductor
 - 7.14.1 Alpha and Omega Semiconductor Corporate Summary
 - 7.14.2 Alpha and Omega Semiconductor Business Overview
 - 7.14.3 Alpha and Omega Semiconductor Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings
 - 7.14.4 Alpha and Omega Semiconductor Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)
 - 7.14.5 Alpha and Omega Semiconductor Key News
- 7.15 NTT Advanced Technology Corporation
 - 7.15.1 NTT Advanced Technology Corporation Corporate Summary
 - 7.15.2 NTT Advanced Technology Corporation Business Overview
 - 7.15.3 NTT Advanced Technology Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings
 - 7.15.4 NTT Advanced Technology Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)
 - 7.15.5 NTT Advanced Technology Corporation Key News
- 7.16 Tektronix
 - 7.16.1 Tektronix Corporate Summary
 - 7.16.2 Tektronix Business Overview
 - 7.16.3 Tektronix Gallium Nitride Field-effect Transistors(GaN FETs) Major Product

Offerings

7.16.4 Tektronix Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)

7.16.5 Tektronix Key News

7.17 ON Semiconductor

7.17.1 ON Semiconductor Corporate Summary

7.17.2 ON Semiconductor Business Overview

7.17.3 ON Semiconductor Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings

7.17.4 ON Semiconductor Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)

7.17.5 ON Semiconductor Key News

7.18 Advance Compound Semiconductors

7.18.1 Advance Compound Semiconductors Corporate Summary

7.18.2 Advance Compound Semiconductors Business Overview

7.18.3 Advance Compound Semiconductors Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings

7.18.4 Advance Compound Semiconductors Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)

7.18.5 Advance Compound Semiconductors Key News

7.19 ST Microelectronics

7.19.1 ST Microelectronics Corporate Summary

7.19.2 ST Microelectronics Business Overview

7.19.3 ST Microelectronics Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings

7.19.4 ST Microelectronics Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)

7.19.5 ST Microelectronics Key News

7.20 Wolfspeed

7.20.1 Wolfspeed Corporate Summary

7.20.2 Wolfspeed Business Overview

7.20.3 Wolfspeed Gallium Nitride Field-effect Transistors(GaN FETs) Major Product Offerings

7.20.4 Wolfspeed Gallium Nitride Field-effect Transistors(GaN FETs) Sales and Revenue in Global (2017-2022)

7.20.5 Wolfspeed Key News

8 GLOBAL GALLIUM NITRIDE FIELD-EFFECT TRANSISTORS(GAN FETS) PRODUCTION CAPACITY, ANALYSIS

8.1 Global Gallium Nitride Field-effect Transistors(GaN FETs) Production Capacity, 2017-2028

8.2 Gallium Nitride Field-effect Transistors(GaN FETs) Production Capacity of Key Manufacturers in Global Market

8.3 Global Gallium Nitride Field-effect Transistors(GaN FETs) Production by Region

9 KEY MARKET TRENDS, OPPORTUNITY, DRIVERS AND RESTRAINTS

9.1 Market Opportunities & Trends

9.2 Market Drivers

9.3 Market Restraints

10 GALLIUM NITRIDE FIELD-EFFECT TRANSISTORS(GAN FETS) SUPPLY CHAIN ANALYSIS

10.1 Gallium Nitride Field-effect Transistors(GaN FETs) Industry Value Chain

10.2 Gallium Nitride Field-effect Transistors(GaN FETs) Upstream Market

10.3 Gallium Nitride Field-effect Transistors(GaN FETs) Downstream and Clients

10.4 Marketing Channels Analysis

10.4.1 Marketing Channels

10.4.2 Gallium Nitride Field-effect Transistors(GaN FETs) Distributors and Sales Agents in Global

11 CONCLUSION

12 APPENDIX

12.1 Note

12.2 Examples of Clients

12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. Key Players of Gallium Nitride Field-effect Transistors(GaN FETs) in Global Market

Table 2. Top Gallium Nitride Field-effect Transistors(GaN FETs) Players in Global Market, Ranking by Revenue (2021)

Table 3. Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue by Companies, (US\$, Mn), 2017-2022

Table 4. Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue Share by Companies, 2017-2022

Table 5. Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales by Companies, (K Units), 2017-2022

Table 6. Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales Share by Companies, 2017-2022

Table 7. Key Manufacturers Gallium Nitride Field-effect Transistors(GaN FETs) Price (2017-2022) & (US\$/Unit)

Table 8. Global Manufacturers Gallium Nitride Field-effect Transistors(GaN FETs) Product Type

Table 9. List of Global Tier 1 Gallium Nitride Field-effect Transistors(GaN FETs) Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 10. List of Global Tier 2 and Tier 3 Gallium Nitride Field-effect Transistors(GaN FETs) Companies, Revenue (US\$, Mn) in 2021 and Market Share

Table 11. By Type – Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2021 & 2028

Table 12. By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue (US\$, Mn), 2017-2022

Table 13. By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue (US\$, Mn), 2023-2028

Table 14. By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), 2017-2022

Table 15. By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), 2023-2028

Table 16. By Application – Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2021 & 2028

Table 17. By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue (US\$, Mn), 2017-2022

Table 18. By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs)

Revenue (US\$, Mn), 2023-2028

Table 19. By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), 2017-2022

Table 20. By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), 2023-2028

Table 21. By Region – Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2021 VS 2028

Table 22. By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue (US\$, Mn), 2017-2022

Table 23. By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue (US\$, Mn), 2023-2028

Table 24. By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), 2017-2022

Table 25. By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), 2023-2028

Table 26. By Country - North America Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2022

Table 27. By Country - North America Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2023-2028

Table 28. By Country - North America Gallium Nitride Field-effect Transistors(GaN FETs) Sales, (K Units), 2017-2022

Table 29. By Country - North America Gallium Nitride Field-effect Transistors(GaN FETs) Sales, (K Units), 2023-2028

Table 30. By Country - Europe Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2022

Table 31. By Country - Europe Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2023-2028

Table 32. By Country - Europe Gallium Nitride Field-effect Transistors(GaN FETs) Sales, (K Units), 2017-2022

Table 33. By Country - Europe Gallium Nitride Field-effect Transistors(GaN FETs) Sales, (K Units), 2023-2028

Table 34. By Region - Asia Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2022

Table 35. By Region - Asia Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2023-2028

Table 36. By Region - Asia Gallium Nitride Field-effect Transistors(GaN FETs) Sales, (K Units), 2017-2022

Table 37. By Region - Asia Gallium Nitride Field-effect Transistors(GaN FETs) Sales, (K Units), 2023-2028

Table 38. By Country - South America Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2022

Table 39. By Country - South America Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2023-2028

Table 40. By Country - South America Gallium Nitride Field-effect Transistors(GaN FETs) Sales, (K Units), 2017-2022

Table 41. By Country - South America Gallium Nitride Field-effect Transistors(GaN FETs) Sales, (K Units), 2023-2028

Table 42. By Country - Middle East & Africa Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2022

Table 43. By Country - Middle East & Africa Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2023-2028

Table 44. By Country - Middle East & Africa Gallium Nitride Field-effect Transistors(GaN FETs) Sales, (K Units), 2017-2022

Table 45. By Country - Middle East & Africa Gallium Nitride Field-effect Transistors(GaN FETs) Sales, (K Units), 2023-2028

Table 46. Nexperia Corporate Summary

Table 47. Nexperia Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 48. Nexperia Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 49. Renesas Electronics Corporate Summary

Table 50. Renesas Electronics Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 51. Renesas Electronics Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 52. Infineon Technologies Corporate Summary

Table 53. Infineon Technologies Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 54. Infineon Technologies Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 55. Transphorm Corporate Summary

Table 56. Transphorm Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 57. Transphorm Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 58. Panasonic Electronic Corporate Summary

Table 59. Panasonic Electronic Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 60. Panasonic Electronic Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 61. GaN Systems Corporate Summary

Table 62. GaN Systems Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 63. GaN Systems Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 64. Efficient Power Conversion Corporation. Corporate Summary

Table 65. Efficient Power Conversion Corporation. Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 66. Efficient Power Conversion Corporation. Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 67. San'an Optoelectronics Corporate Summary

Table 68. San'an Optoelectronics Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 69. San'an Optoelectronics Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 70. Solid State Devices Corporate Summary

Table 71. Solid State Devices Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 72. Solid State Devices Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 73. Texas Instruments Corporate Summary

Table 74. Texas Instruments Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 75. Texas Instruments Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 76. Qorvo Corporate Summary

Table 77. Qorvo Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 78. Qorvo Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 79. pSemi Corporation Corporate Summary

Table 80. pSemi Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 81. pSemi Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 82. Toshiba Infrastructure Systems & Solutions Corporation Corporate Summary

Table 83. Toshiba Infrastructure Systems & Solutions Corporation Gallium Nitride Field-

effect Transistors(GaN FETs) Product Offerings

Table 84. Toshiba Infrastructure Systems & Solutions Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 85. Alpha and Omega Semiconductor Corporate Summary

Table 86. Alpha and Omega Semiconductor Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 87. Alpha and Omega Semiconductor Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 88. NTT Advanced Technology Corporation Corporate Summary

Table 89. NTT Advanced Technology Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 90. NTT Advanced Technology Corporation Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 91. Tektronix Corporate Summary

Table 92. Tektronix Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 93. Tektronix Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 94. ON Semiconductor Corporate Summary

Table 95. ON Semiconductor Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 96. ON Semiconductor Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 97. Advance Compound Semiconductors Corporate Summary

Table 98. Advance Compound Semiconductors Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 99. Advance Compound Semiconductors Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 100. ST Microelectronics Corporate Summary

Table 101. ST Microelectronics Gallium Nitride Field-effect Transistors(GaN FETs) Product Offerings

Table 102. ST Microelectronics Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 103. Wolfspeed Corporate Summary

Table 104. Wolfspeed Gallium Nitride Field-effect Transistors(GaN FETs) Product

Offerings

Table 105. Wolfspeed Gallium Nitride Field-effect Transistors(GaN FETs) Sales (K Units), Revenue (US\$, Mn) and Average Price (US\$/Unit) (2017-2022)

Table 106. Gallium Nitride Field-effect Transistors(GaN FETs) Production Capacity (K Units) of Key Manufacturers in Global Market, 2020-2022 (K Units)

Table 107. Global Gallium Nitride Field-effect Transistors(GaN FETs) Capacity Market Share of Key Manufacturers, 2020-2022

Table 108. Global Gallium Nitride Field-effect Transistors(GaN FETs) Production by Region, 2017-2022 (K Units)

Table 109. Global Gallium Nitride Field-effect Transistors(GaN FETs) Production by Region, 2023-2028 (K Units)

Table 110. Gallium Nitride Field-effect Transistors(GaN FETs) Market Opportunities & Trends in Global Market

Table 111. Gallium Nitride Field-effect Transistors(GaN FETs) Market Drivers in Global Market

Table 112. Gallium Nitride Field-effect Transistors(GaN FETs) Market Restraints in Global Market

Table 113. Gallium Nitride Field-effect Transistors(GaN FETs) Raw Materials

Table 114. Gallium Nitride Field-effect Transistors(GaN FETs) Raw Materials Suppliers in Global Market

Table 115. Typical Gallium Nitride Field-effect Transistors(GaN FETs) Downstream

Table 116. Gallium Nitride Field-effect Transistors(GaN FETs) Downstream Clients in Global Market

Table 117. Gallium Nitride Field-effect Transistors(GaN FETs) Distributors and Sales Agents in Global Market

List Of Figures

LIST OF FIGURES

- Figure 1. Gallium Nitride Field-effect Transistors(GaN FETs) Segment by Type
- Figure 2. Gallium Nitride Field-effect Transistors(GaN FETs) Segment by Application
- Figure 3. Global Gallium Nitride Field-effect Transistors(GaN FETs) Market Overview: 2021
- Figure 4. Key Caveats
- Figure 5. Global Gallium Nitride Field-effect Transistors(GaN FETs) Market Size: 2021 VS 2028 (US\$, Mn)
- Figure 6. Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, 2017-2028 (US\$, Mn)
- Figure 7. Gallium Nitride Field-effect Transistors(GaN FETs) Sales in Global Market: 2017-2028 (K Units)
- Figure 8. The Top 3 and 5 Players Market Share by Gallium Nitride Field-effect Transistors(GaN FETs) Revenue in 2021
- Figure 9. By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales Market Share, 2017-2028
- Figure 10. By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue Market Share, 2017-2028
- Figure 11. By Type - Global Gallium Nitride Field-effect Transistors(GaN FETs) Price (US\$/Unit), 2017-2028
- Figure 12. By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales Market Share, 2017-2028
- Figure 13. By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue Market Share, 2017-2028
- Figure 14. By Application - Global Gallium Nitride Field-effect Transistors(GaN FETs) Price (US\$/Unit), 2017-2028
- Figure 15. By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Sales Market Share, 2017-2028
- Figure 16. By Region - Global Gallium Nitride Field-effect Transistors(GaN FETs) Revenue Market Share, 2017-2028
- Figure 17. By Country - North America Gallium Nitride Field-effect Transistors(GaN FETs) Revenue Market Share, 2017-2028
- Figure 18. By Country - North America Gallium Nitride Field-effect Transistors(GaN FETs) Sales Market Share, 2017-2028
- Figure 19. US Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 20. Canada Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 21. Mexico Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 22. By Country - Europe Gallium Nitride Field-effect Transistors(GaN FETs) Revenue Market Share, 2017-2028

Figure 23. By Country - Europe Gallium Nitride Field-effect Transistors(GaN FETs) Sales Market Share, 2017-2028

Figure 24. Germany Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 25. France Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 26. U.K. Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 27. Italy Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 28. Russia Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 29. Nordic Countries Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 30. Benelux Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 31. By Region - Asia Gallium Nitride Field-effect Transistors(GaN FETs) Revenue Market Share, 2017-2028

Figure 32. By Region - Asia Gallium Nitride Field-effect Transistors(GaN FETs) Sales Market Share, 2017-2028

Figure 33. China Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 34. Japan Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 35. South Korea Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 36. Southeast Asia Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 37. India Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 38. By Country - South America Gallium Nitride Field-effect Transistors(GaN FETs) Revenue Market Share, 2017-2028

Figure 39. By Country - South America Gallium Nitride Field-effect Transistors(GaN

FETs) Sales Market Share, 2017-2028

Figure 40. Brazil Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 41. Argentina Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 42. By Country - Middle East & Africa Gallium Nitride Field-effect Transistors(GaN FETs) Revenue Market Share, 2017-2028

Figure 43. By Country - Middle East & Africa Gallium Nitride Field-effect Transistors(GaN FETs) Sales Market Share, 2017-2028

Figure 44. Turkey Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 45. Israel Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 46. Saudi Arabia Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 47. UAE Gallium Nitride Field-effect Transistors(GaN FETs) Revenue, (US\$, Mn), 2017-2028

Figure 48. Global Gallium Nitride Field-effect Transistors(GaN FETs) Production Capacity (K Units), 2017-2028

Figure 49. The Percentage of Production Gallium Nitride Field-effect Transistors(GaN FETs) by Region, 2021 VS 2028

Figure 50. Gallium Nitride Field-effect Transistors(GaN FETs) Industry Value Chain

Figure 51. Marketing Channels

I would like to order

Product name: Gallium Nitride Field-effect Transistors(GaN FETs) Market, Global Outlook and Forecast 2022-2028

Product link: <https://marketpublishers.com/r/G5464683FC95EN.html>

Price: US\$ 3,250.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G5464683FC95EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

